

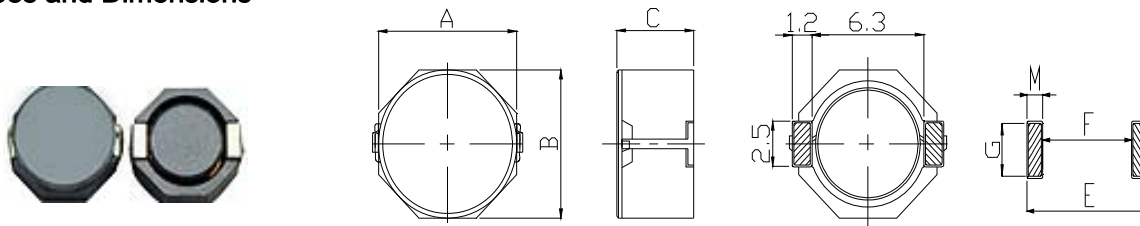
Features

- Excellent solderability and high heat resistance.
- Takes up less PCB real estate and save more power
- Packed in carrier tape and suitable for Surface Mounting Machine.
- Magnetic shielded type against radiation

Applications

- Ideally used in Notebook PC, Game machine, HDD, DVC, LCD TV etc.. DC-DC converter inductors.

Shapes and Dimensions



Packing Q'ty : 500 pcs/reel

Type	A	B	C	D	E	F	G	M
SDRH8D38	8.0 ± 0.3	8.0 ± 0.3	4.0 Max.	-	10.1	6.1	2.8	2.0

Electrical Characteristics

Part Number	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Isat (A) max.	Irms (A) max.
SDRH8D38-1R8NC	1.8 ± 30%	100	0.016	7.00	6.80
SDRH8D38-2R5NC	2.5 ± 30%	100	0.018	6.50	6.00
SDRH8D38-3R5NC	3.5 ± 30%	100	0.024	5.00	5.20
SDRH8D38-4R7NC	4.7 ± 30%	100	0.029	4.60	4.40
SDRH8D38-6R0NC	6.0 ± 30%	100	0.032	4.20	4.00
SDRH8D38-100NC	10 ± 30%	100	0.048	3.00	3.20
SDRH8D38-150NC	15 ± 30%	100	0.067	2.75	2.50
SDRH8D38-220NC	22 ± 30%	100	0.105	2.30	2.00
SDRH8D38-330NC	33 ± 30%	100	0.157	1.75	1.60
SDRH8D38-470NC	47 ± 30%	100	0.189	1.52	1.42
SDRH8D38-680NC	68 ± 30%	100	0.290	1.30	1.08
SDRH8D38-101MC	100 ± 20%	100	0.410	1.05	0.88

NOTES:

Isat: DC current at which the inductance drops approximately 35% from its value without current.

Irms: DC current that causes the temperature rise (ΔT=40°C) from 20°C ambient